Amendments to the Specification:

Please amend paragraph a) beginning at page 2, line 24 as shown:

a) for the isolation of the 3R,2'R stereoisomer of glycopyrronium bromide or iodide (formula II: A = Br or I),

from the diastereomer mixture consisting <u>essentially</u> of the 3R,2'R isomer and 3R,2'S isomer (formula III)

or from the diastereomer mixture consisting <u>essentially</u> of the 3R,2'R isomer and 3S,2'R isomer (formula IIIb)

$$A^{-} \stackrel{H}{\underset{}_{H_3C}} \stackrel{O}{\underset{}_{H_3C}} \stackrel{O}{\underset{}_{H_3C}} \stackrel{H}{\underset{}_{U_3C}} \stackrel{O}{\underset{}_{H_3C}} \stackrel{H}{\underset{}_{U_3C}} \stackrel{O}{\underset{}_{H_3C}} \stackrel{H}{\underset{}_{U_3C}} \stackrel{O}{\underset{}_{H_3C}} \stackrel{H}{\underset{}_{U_3C}} \stackrel{O}{\underset{}_{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U_3C}} \stackrel{O}{\underset{U$$

Please amend paragraph b) beginning at page 3, line 6 as shown:

b) for the isolation of the 3S,2'S isomer (formula IV: A = Br or I),

from the diastereomer mixture consisting <u>essentially</u> of the 3S,2'R isomer and 3S,2'S isomer (formula V)

or from the diastereomer mixture consisting <u>essentially</u> of the 3R,2'S isomer and 3S,2'S isomer (formula Vb)

Please amend paragraph c) beginning at page 4, line 5 as shown:

c) for the isolation of the 3R,2'S stereoisomer of the thienyl analog of glycopyrronium (formula VI: A = Br or I),

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from the diastereomer mixture consisting <u>essentially</u> of the 3R,2'S isomer and 3R,2'R isomer (formula VII)

or from the diastereomer mixture consisting <u>essentially</u> of the 3R,2'S isomer and 3S,2'S isomer (formula VIIb)

Please amend paragraph d) beginning at page 5 line 3 as shown:

d) for the isolation of the 3S,2'R isomer (formula VIII: A = Br or I),

from the diastereomer mixture consisting essentially of the 3S,2'S isomer

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and 3S,2'R isomer (formula IX)

$$A^{-} \xrightarrow{H} O \longrightarrow{H} O O$$

or from the diastereomer mixture consisting <u>essentially</u> of the 3S,2'R isomer and 3R,2'R isomer (formula IXb)